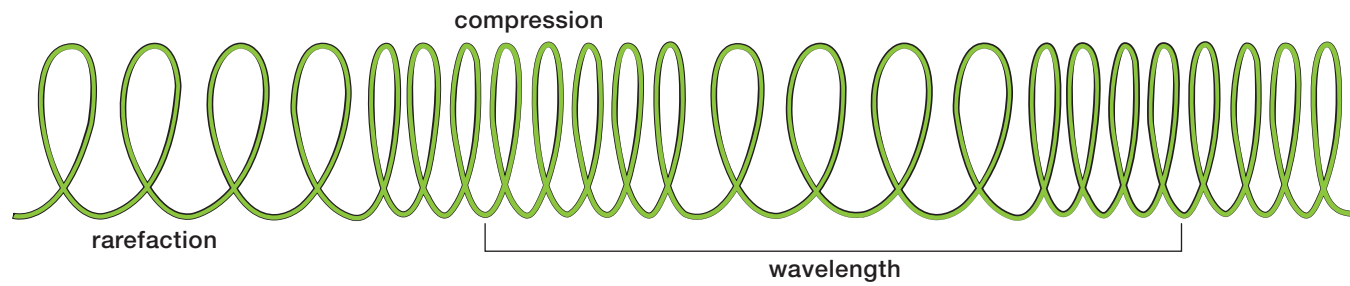
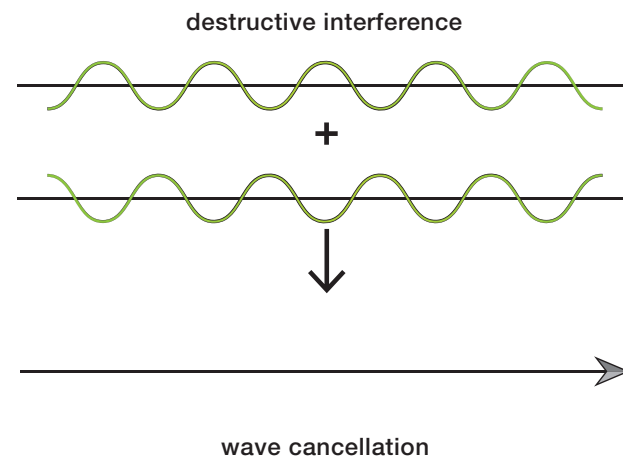
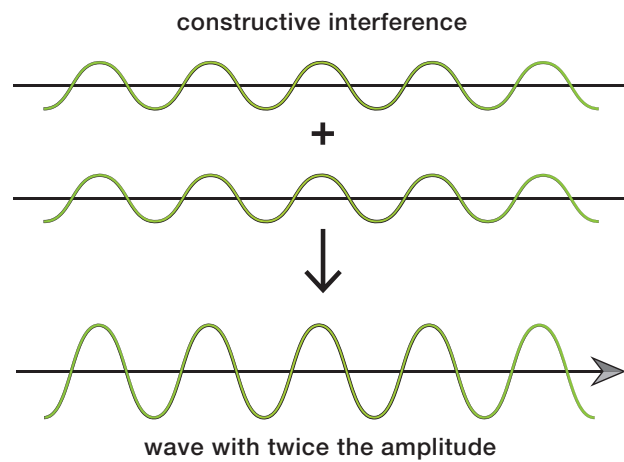


**A transverse wave**



**A longitudinal wave**



**Constructive and destructive interference**

